CARDIGANSHIRE COUNTY COUNCIL

# ANNUAL REPORT
## of the
# MEDICAL OFFICER OF HEALTH
## and
# SCHOOL MEDICAL OFFICER
## for the year 1950

ERNEST JONES, M.Sc., M.B., Ch.B., D.P.H.,
County Medical Officer of Health,
School Medical Officer.

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## CARDIGANSHIRE COUNTY COUNCIL.

### Public Health Officers of the Authority.

| | |
|---|---|
| County Medical Officer of Health and School Medical Officer ... | ERNEST JONES, M.Sc., M.B., Ch.B., D.P.H. |
| Medical Officer for Maternity and Child Welfare ... ... | GWEN BEVAN, B.Sc., M.R.C.S., L.R.C.P. |
| School Dental Officer ... ... | W. D. PERCIVAL EVANS, L.D.S., R.C.S. (Eng.). |
| Assistant Dental Officer ... | E. BYRON LLOYD, L.D.S., R.C.S. (Eng.). |
| Dental Attendants ... ... | Miss M. H. DAVIES (resigned 31/1/51). |
| ... | Miss VERA JONES (commenced 8/5/50). |
| Home Help Organiser ... | Miss M. MORGAN, S.R.N., S.C.M., H.V. (resigned 31/5/50). |
| ... | Miss M. G. REES (commenced 26/6/50). |
| County Sanitary Inspector ... | EVAN RICHARDS, M.R.S.I., Cert. S.I.B. |
| County Analyst ... ... | HERBERT J. EVANS, B.Sc., F.I.C., F.C.S., |
| Ambulance Sub-Controller ... | J. C. BLAYNEY (Serving Brother of the Order of St. John). |
| Chief Nursing Officer ... | Mrs. A. M. DUDLEY THOMAS, S.R.N., S.C.M., T.B., Cert., H.V. |
| Health Visitors ... ... (each holding the H.V. certificate of the Royal Sanitary Institute) | Miss D. M. DAVIES, S.R.N., S.C.M.<br>Miss VALMAI DAVIES, S.R.N., S.C.M.<br>Miss BERYL JONES, S.R.N., S.C.M.<br>Miss M. L. JONES, S.R.N., S.C.M.<br>Miss MARY LEWIS, S.R.N., S.C.M., T.B. Cert., R.F.N.<br>Miss D. J. MORGAN, S.R.N., S.C.M.<br>Miss ELUNED MORGAN, S.R.N., S.C.M.<br>Miss M. MORGAN, S.R.N., S.C.M.<br>Miss GWENFRON THOMAS, S.R.N., S.C.M.<br>Miss L. A. WATSON, S.R.N., S.C.M. |

District Nurse/Midwives ... ... Nurse M. BOWEN, S.R.N., S.C.M., Aberporth.

Nurse M. CARTER, S.C.M., Llandyssul.

Nurse A. DAVIES, S.C.M., Henllan.

Nurse A. B. DAVIES, S.R.N., S.C.M., Aberaeron.

Nurse D. DAVIES, S.R.N., S.C.M., Lampeter

Nurse D. M. M. DAVIES, S.R.N., S.C.M., Llanwenog.

Nurse S. J. DAVIES, S.R.N., S.C.M., Pontrhydfendigaid.

Nurse B. EBENEZER, S.R.N., S.C.M., Llangeitho.

Nurse M. H. EVANS, S.R.N., S.C.M., Llanbadarn.

Nurse M. M. EVANS, S.R.N., S.C.M., Glandyfi.

Nurse A. HUGHES, S.C.M., Llanafan.

Nurse P. J. M. HAGSTROM, S.C.M., Llanychaiarn.

Nurse E. JAMES, S.C.M., Llechryd.

Nurse P. A. JAMES, S.R.N., S.C.M., Llanarth

Nurse M. E. JARMAN, S.C.M., Cross Inn, Llanon.

Nurse A. JONES, S.R.N., S.C.M., Devil's Bridge.

Nurse A. JONES, S.R.N., S.C.M., Llanrhystyd.

Nurse D. JONES, S.R.N., S.C.M., Llandyssilio.

Nurse M. JONES, S.R.N., S.C.M., Lampeter.

Nurse V. JONES, S.C.M., Cardigan.

Nurse C. LEWIS, S.R.N., S.C.M., Capel Bangor.

Nurse E. A. LEWIS, S.R.N., S.C.M., Rhydlewis.

Nurse E. M. L. MORGAN, S.R.N., S.C.M., Cardigan.

Nurse M. M. MORGAN, S.C.M., Talybont.

Nurse E. P. PRYSE, S.R.N., S.C.M., Llanilar.

Nurse N. REES, S.R.N., S.C.M., County Relief.

Nurse R. M. REES, S.R.N., S.C.M., New Quay.

Nurse H. E. ROBERTS, S.C.M., Rhydypennau.

Nurse J. ROBERTS, S.R.N., Aberystwyth.

Nurse M. G. THOMAS, S.R.N., S.C.M., Borth.

Nurse R. EVANS VAUGHAN, S.R.N., S.C.M., Aberystwyth.

Nurse E. J. WILLIAMS, S.R.N., S.C.M., Tregaron.

Duly Authorised Officers for Mental Health ... ... ... ENOCH DAVIES, Talybont.

T. Ll. DAVIES, Tregaron.

T. ALUN EVANS, Aberaeron.

J. H. JOHNS, Cardigan.

E. EVANS JONES, Aberystwyth.

Mrs. M. A. MORGAN, Pontrhydygroes.

**Officers of the Regional Hospital Board who provide Specialist Services for the County Council.**

Orthopaedic ... ... ... N. ROCYN JONES, M.D., F.R.C.S.

Ophthalmic ... ... ... Mrs. KATHLEEN DAVIES-THOMAS, M.B., Ch.B., D.P.H., D.O.

Chest ... ... ... ... J. KENYON DAVIES, M.R.C.S., L.R.C.P.

## District Medical Officers and Sanitary Inspectors.

| District | Medical Officer | Sanitary Inspector |
|---|---|---|
| RURAL : | | |
| Aberaeron ... ... | ERNEST LL. DAVIES | D. O. DAVIES |
| Aberystwyth (South) ... | THOMAS J. JONES | D. G. BOWEN. |
| Aberystwyth (North) ... | J. ARTHUR REES | ,, ,, |
| Cardigan ... ... | D. LLOYD DAVIES | H. E. WILLIAMS |
| Lampeter ... ... | EVAN EVANS | D. O. DAVIES |
| Llandyssul ... ... | TREVOR G. DAVIES | H. E. WILLIAMS |
| Tregaron ... ... | D. A. J. WILLIAMS | R. E. PRITCHARD |
| URBAN : | | |
| Aberaeron ... ... | ERNEST LL. DAVIES | D. O. DAVIES |
| New Quay ... ... | D. R. T. GRIFFITHS | ,, ,, |
| MUNICIPAL BOROUGHS : | | |
| Aberystwyth ... ... | D. I. EVANS | OSBORNE J. EVANS |
| Cardigan ... ... | J. RHYS DAVIES | J. P. WILLIAMS |
| Lampeter ... ... | EVAN EVANS | D. J. DAVIES |

*Chief Clerk*—D. OLIVER MORGAN.

## INTRODUCTION.

The area of the county is 443,189 acres ; its population, 53,993 ; the live birth rate is 13.0 ; the crude death rate is 16. For purposes of comparison with the rest of England and Wales, comparability factors have been used to find the corrected death rate of the rural and urban districts of the county ; 13.0 is the corrected death rate for rural Cardiganshire and 12.2 for the urban districts.

### Tuberculosis.

Migration to the towns of young people, and the deaths of young adults from tuberculosis, are two important influences affecting the size of the Cardiganshire population, tending to reduce, as they do, the number of those who found families. Of the two, however, the latter influence is ceasing to be significant. There has been a steady and continuous fall in the tuberculosis death rate for many years, until in 1950 there were only 16 deaths, which gives a death rate of 0.29 per thousand of the population, lower than that of England and Wales, which is 0.31, and the lowest on record for the county. There is evidence, too, from mass radiography, that fewer young people are becoming infected, and for those who are infected the resistance to the disease is rising. Of 2,719 persons examined by mass radiography, no child under 15 years of age was found to be suffering from active tuberculosis. In the age group 15—24 years there was 1 ; in the 25—34 age group there was 1 ; and in the 35—44 age group there were 4. Resistance to the disease was shown by the relatively high number of persons who were found to be infected in the past but who had recovered. There were 72 of these. Of the agencies which operate to reduce infection in the homes, prominent are the tuberculosis service which cures and renders non-infective parents and others living there ; family doctors and health visitors who send in cases for early treatment, and mass radiography which can reveal tuberculosis in its curable stages. In the schools the Local Education Authority prevents infection of child by teacher by employing as teachers only those who are proved by X-ray examination to be free of tuberculosis. At the same time it promotes and maintains resistance to the disease by providing school meals and school milk, and, by replacing the small windows of the older schools by large ones, has given the children sunshine to which they so quickly react.

### Children.

During the year no child died of scarlet fever, measles, whooping cough, diphtheria, typhoid, poliomyelitis, encephalitis, cerebro-spinal fever. But there were 20 still-births, giving a relatively high figure of 28 per 1,000 live births, and 16 babies under 4 weeks old died of ill defined disease, giving a rate of 23 per 1,000 total births.

## Diphtheria Immunisation.

Since immunisation was introduced into the county twelve years ago, no child has died of diphtheria. From the beginning, in 1939, there has been a remarkable response to the offer of free immunisation. More than 95% of the children of the county were immunised, and that percentage was maintained until recently, when there has been a slight drop. This fall is probably due to the fact that no immunisation is done in the mid-summer months for fear of possible complications from poliomyelitis. To remedy this, it is proposed to have an immunising campaign during the autumn and winter months when danger from poliomyelitis complications are absent.

## Old People.

Cardiganshire is a county of old people. This is clearly shown by the age distribution of deaths. Out of 869 persons who died in the county during the year nearly half were over 75 years of age, and in the next age group, that of persons between 65 and 75 years of age, the number who died was greater than the number of deaths of persons from birth to 65 years of age. Such a large proportion of old people, besides accounting for the high crude death rate and the low birth rate, determines special problems for the care of the aged. For those old people who are active enough to live in their own homes help is given by the county nurses who paid 5,591 visits to them during the year, from the Home Help Service, referred to elsewhere in this report, by meals supplied in some districts from the school canteens, and from visits by religious bodies. There remain, however, those old people who, because of their infirmities, are too frail to live alone and look after themselves. They require more than nurses' visits and have to be cared for by a trained staff in a home for the aged where they can get help any time in the twenty four hours.

## Care of Mothers and Young Children.

This service includes the care of premature infants, the supply of welfare foods on behalf of the Ministry of Food, the provision of maternity outfits, nursery provisions, the care of unmarried mothers and their children, and the dental care of expectant and nursing mothers and young children. The latter treatment was under the special care of the Senior Dental Officer of the Authority. Artificial dentures are supplied to those for whom they have been prescribed.

The present poor accommodation in the dental clinic at Aberystwyth will be remedied when the dental service is accommodated in the Queen's Hotel, Aberystwyth. Subsidiary centres exist at Lampeter and Tregaron, where the Medical Officer's rooms at the County Grammar Schools are fitted to be used for dental operations. A similar medical-dental room will soon be provided at Cardigan. There is no such centre at Aberaeron.

Orthodontic treatment for the correction of irregularities of the teeth of children in these priority classes is carried out, as well as for school children.

The following table shows the numbers treated during the year :—

| | Expectant Mothers | Nursing Mothers | Children under 5 yrs. of age |
|---|---|---|---|
| Number examined ... ... ... | 5 | 4 | 283 |
| Number needing treatment ... ... | 5 | 4 | 164 |
| Number treated ... ... ... | 5 | 4 | 164 |
| Number made dentally fit ... ... | 5 | 4 | 164 |

**Home Help Service.**

71 domestic helps (5 whole-time and 66 part-time) were employed at the end of the year. The number of cases where domestic help was provided during the year is shown below :—

| | |
|---|---|
| (*a*) maternity (including expectant mothers) ... ... | 10 |
| (*b*) tuberculosis ... ... ... ... ... | 1 |
| (*c*) others ... ... ... ... ... | 94 |
| Total ... ... | 105 |

**Ambulance Service.**

There were 9 ambulances operating at the end of the year, and the following table shows the number of patients conveyed, and the mileage covered, in connection with each ambulance station during the year :—

| *Station* | *No. of patients conveyed* | *Mileage covered* |
|---|---|---|
| Aberystwyth ... ... | 2622 | 36,806 |
| Adpar ... ... | 306 | 12,633 |
| Cardigan ... ... | 485 | 13,978 |
| Lampeter ... ... | 442 | 23,840 |
| Llandyssul ... ... | 723 | 33,489 |
| New Quay ... ... | 554 | 29,370 |
| Tregaron ... ... | — | — |
| TOTAL ... | 5,132 | 150,116 |

## Mental Health.

The following table relates to patients dealt with under the Lunacy and Mental Treatment Acts, 1890—1930, during the year :—

| | | Male | Female | Total |
|---|---|---|---|---|
| Admissions to Mental Hospitals :— | | | | |
| (1) Voluntary ... ... ... | | 28 | 45 | 73 |
| (2) Temporary ... ... ... | | — | — | — |
| (3) Certified ... ... ... | | 7 | 15 | 22 |
| Discharges from Mental Hospitals | Voluntary | 29 | 45 | 74 |
| | Certified ... | 6 | 10 | 16 |

At the end of the year, ten males and ten females were in mental deficiency institutions under Order.

## Blind Persons.

There were 225 registered blind persons in the county at the end of the year, and the following table gives a classification of this total :—

| *Age Groups* | *Male* | *Female* | *Total* |
|---|---|---|---|
| 0—1 | — | — | — |
| 1—5 | — | 1 | 1 |
| 5—16 | — | 2 | 2 |
| 16—21 | — | — | — |
| 21—40 | 7 | 4 | 11 |
| 40—50 | 4 | 5 | 9 |
| 50—65 | 20 | 27 | 47 |
| 65—70 | 8 | 16 | 24 |
| 70 and over | 54 | 77 | 131 |
| Totals ... | 93 | 132 | 225 |

It will be seen that more than 60% of the registered blind persons are over 70 years of age.

### Inspection of School Canteens and Milk Supplies, etc.

A matter of special interest is that food poisoning, which was common in England and Wales, especially in schools, was absent from Cardiganshire. The school canteens, on the whole, are very clean. The food is good and well cooked. No stock or open tins are exposed to contamination or deterioration, and the cooks themselves have all been medically examined to exclude all diseases as far as possible.

Control of school milk requires visits to the suppliers. A large number of samples are tested bacteriologically at frequent intervals and, in the case of pasteurised milk, every fortnight during school term to test the efficiency of pasteurisation.

Cardiganshire is very fortunate in being an attested area. The cattle from which school milk is obtained are free of tuberculosis, or, in those districts where milk from such cattle is unobtainable, pasteurised milk is used instead. The result is that no case of bovine tuberculosis has been discovered in the county for many years.

### Meat, Food and Milk Inspections at School Canteens.

298 visits were made to school canteens to inspect the quality of food and milk supplies. (One butcher was fined £10 for selling meat below weight). The canteens are well conducted and care is taken to safeguard food from contamination.

### Milk-in-Schools Scheme.

86 visits were made to inspect various suppliers, and to find new sources of supply. Samples were taken for bacteriological examination and samples of pasteurised milk were taken every fortnight during school terms.

Every farm or dairy is inspected before a contract is approved for the supply of milk to schools, and samples of the milk are submitted to the Public Health Laboratory for bacteriological examination.

Every effort is made to obtain a supply of T.T. milk for each school, but where this is not possible, milk from an attested herd, or pasteurised milk, is accepted.

Cwmystwyth, Mynach and Verwig are supplied with dried milk, every effort to obtain a supply of liquid milk for these schools having failed.

The grades of milk supplied in the schools are shown below :—

| | |
|---|---|
| Number of schools supplied with T.T. milk from attested herds ... ... ... ... ... ... | 76 |
| Number of schools supplied from attested herds only ... | 19 |
| Number of schools supplied with non-designated milk ... | 1 |
| Number of schools supplied with pasteurised milk ... | 13 |
| Number of schools supplied with dried milk ... ... | 3 |

Some of the larger schools, e.g., those in Aberystwyth, Llandyssul and Tregaron, are supplied with milk in one-third pint bottles, but in the rural areas it has not been possible to obtain this except in a few instances. Milk taken from small bottles, by means of drinking straws seems to be the pleasantest way of drinking it, e.g., at Tregaron County Primary School the number of children taking milk increased from 80 to 100 when drinking straws were introduced.

### Retail Milk Suppliers (Milk supplied to Households).

43 visits were made to various milk retailers in the county to investigate complaints made by householders.

### Infectious Diseases.

17 visits were made for the purpose of investigating the cause of infectious diseases, details of which are given below :—

| | |
|---|---|
| Typhoid carriers ... ... | 2 |
| Paratyphoid carriers ... ... | 2 |
| Poliomyelitis ... ... ... | 9 |
| Scarlet fever ... ... ... | 4 |

### Sanitary Complaints.

45 complaints were investigated.

### Visits with District Sanitary Inspectors.

42 visits were made with the local sanitary inspectors for the investigation of various complaints.

### Pharmacy and Poisons Act.

70 licences were issued for the sale of poisons by persons other than qualified pharmacists and visits were paid to each shop.

### Cinemas and Other Places of Public Entertainment.

22 visits were made to the various cinemas and theatres in the county.

## Private Water Schemes.

25 visits were made to private schemes of water supply and samples of the water were examined at the Public Health Laboratory.

## Rural Water Supplies and Sewerage Act, 1944.

Interest in schemes for water supplies has grown in the last few years as the probability of a county scheme has receded into the background. 1950 was a year of great activity.

The following schemes submitted by the various local sanitary authorities were approved for grant by the County Council under the Act :—

(1) New water supply scheme for the village of Cellan by the Aberaeron Rural District Council.

(2) New water supply scheme for the village of Llangybi by the Aberaeron Rural District Council. It is suggested that Cellan should be included in this scheme. To bring water to Cellan from the source at Panteg, Carmarthenshire, would require 2¼ miles of piping. The Welsh Board of Health have suggested the possibility of one scheme to serve the areas of Llangybi, Llanfair and Cellan from the Llangybi source in order to reduce expenditure.

(3) New water scheme at Ffynnonrhys for supplying the parishes of Llanwenog and Llanwnen.

(4) Extension of the Glynarthen water scheme to cover the villages of Bryngwyn and Beulah, and the Dryslwyn district by the Teifiside Rural District Council.

(5) Extension of the Vagwr water scheme to Pontrhydarberth and Tyriet by the Teifiside Rural District Council.

(6) A scheme to augment the Aberaeron town water supply from Llyn Fanod. This will also improve the supplies at Cilcennin, Pennant and Aberarth.

(7) A new water scheme for supplying the villages of Cross Inn and Nebo by the Aberaeron Rural District Council.

(8) New sewerage scheme and disposal plant for Llanbadarn by the Aberystwyth Rural District Council at a cost of approximately £100,000. The effluent will be discharged into the River Rheidol. Since this scheme was prepared, a new hydro-electric scheme has been proposed for utilising the water of the Rheidol. Most of

the Rheidol water, it seems, will ultimately find its way into the Dovey instead of into its present channel. The Llanbadarn sewerage scheme presented to the County Council will be quite unsuitable. In fact, the whole question of sewerage of this district requires reconsideration in the light of the proposed changes.

(9) New sewerage disposal scheme by the Aberystwyth Rural District Council to cover the villages of Bow Street and Llandre at a cost of approximately £30,000.

(10) New sewerage disposal scheme for Aberaeron town at a cost of approximately £23,000. The effluent will be discharged into the sea.

The Aberaeron Rural District Council has submitted schemes of sewerage disposal for the villages of Llanon, Aberarth, Llwyncelyn, Llanarth and Llangybi. These have been approved provisionally by the County Council, but as sewerage requires plenty of water it will be necessary for these villages to be provided with an adequate water supply before the sewerage schemes can be commenced.

### Works of Water Supply Carried Out during the Year.

(1) The main from Talybont was extended to Tre'rddol and Taliesin at a cost of £4,500. It is also intended to continue this main from Tre'rddol to connect up with the Borth mains at Ynyslas.

(2) The village of Devil's Bridge was provided with its own water scheme at a cost of about £3,000. The school has not yet been connected to this supply.

(3) The Llangwyryfon water scheme, improved by the provision of a new reservoir and pump, is now able to supply the whole village.

(4) At the end of the year new water schemes were in progress of construction for supplying the villages of Llanafan and Llanddeiniol. Extensions of the Talybont supply were made to Pentrebach.

(5) The Llanarth scheme was extended to Rhydeinon and Nantmeddal at a cost of £475.

(6) Extension of the Dihewid scheme to supply more of the village at a cost of £520.

(7) The Talsarn scheme was carried on to Pentrepoeth at a cost of £187.

(8) A new water scheme was completed for supplying the village of Llwyngroes.

### Housing Inspections.

46 inspections were carried out in connection with unfit houses and applications for grants for improvement works under the Housing Act, 1949.

## HOUSING ACT, 1949.

### Improvement Grants.

Under this Act grants of up to £300 can be made by the local authority towards the cost of carrying out improvements at existing houses. The total cost of the work in each case must not exceed £600, and the main purpose of the scheme is to provide good houses with modern sanitary conveniences, modernised kitchens, additional bedrooms, hot water supply, etc.

The County Council convened a conference of all local authorities within the county, and it was agreed that the County Council should administer the Act throughout the county.

All applications received are referred to the County Medical Officer of Health for his observations before they are considered by the Housing Committee. An inspection of the property is carried out by the County Sanitary Inspector to ascertain the condition of the house and whether it can be brought up to a satisfactory standard by the carrying out of the proposed improvements.

After an application has been approved by the Housing Committee, it is forwarded to the Welsh Board of Health for final approval before the grant is made.

Sixteen applications were approved by the Committee as suitable for improvement, but of these, only six were approved by the Welsh Board of Health.

Some applications were rejected by the Committee on the grounds that the houses could not be made fit for human habitation, and others because the cost of the improvement exceeded the maximum allowance of £600.

### Rural Housing Survey.

The Report of the Hobhouse Committee on Rural Housing recommended that each county should carry out a survey of all houses in rural areas with a view to ascertaining the number of unfit houses in each area. Owing to the shortage of staff it has not been possible to carry out such a survey, but it is hoped to commence shortly on a survey of sub-standard houses throughout the county. The results of such a survey would show in which areas new houses are most urgently needed, and would serve as a valuable guide to the local housing authorities. It would also show the number of houses which could be improved by the assistance of improvement grants under the Housing Act, 1949. Inspection of certain properties has already shown that there are a number of houses still used which are in fact unfit for human habitation.

### New Houses.

The following table shows the number of new houses erected by the various local housing authorities.

**Table Showing the Number of New Houses built by the Local Housing Authorities and Private Builders since the end of the 1939-45 War up to 31st December, 1950.**

| *Local Authority* | *Built by Local Authority* | | *Built by Private Builder* | |
|---|---|---|---|---|
| | *Completed* | *Under construction* | *Completed* | *Under construction* |
| Aberystwyth Borough ... | 162 | 12 | 1 | 7 |
| Cardigan Borough ... ... | 82 | — | — | 7 |
| Lampeter Borough ... ... | 22 | — | — | 5 |
| Aberaeron U.D.C. ... ... | 7 | 12 | 3 | 3 |
| New Quay U.D.C. ... ... | 26 | 2 | 3 | 2 |
| Aberaeron R.D.C. ... ... | 20 | 8 | 10 | 5 |
| Aberystwyth R.D.C. ... ... | 66 | 48 | 2 | 12 |
| Teifiside R.D.C. ... ... | 26 | 48 | 10 | 14 |
| Tregaron R.D.C. ... ... | 28 | — | 3 | 5 |

The total number of new houses built in the county is 661.

**Food and Drugs (Milk and Dairies) Act, 1950.**

This Act consolidates all previous milk and dairies legislation. The main functions of the County Council under the Act are as follows :—

(1) The prohibition of the sale of tuberculous milk and the milk of cows suffering from tuberculosis.

The excellent co-operation between the County Health Department and the office of the Divisional Veterinary Inspector of the Ministry of Agriculture and Fisheries results in immediate attention being given to any possible source of milk infection. Biological and bacteriological examination of milk samples is carried out at the Public Health Laboratory, Aberystwyth. Supplies of guinea-pigs are still limited, but when the supply position improves it is hoped to commence a regular service of biological examination of all retail and school milk supplies at least once every year. Of the samples submitted during 1950, not one gave a positive result.

(2) The prohibition of the sale of milk from cows suffering from :—

(*a*) Acute mastitis.
(*b*) Actinomycosis of the udder.
(*c*) Anthrax.
(*d*) Foot and mouth disease.
(*e*) Any infection of the udder or teats which is likely to convey disease.

(3) The control of the use of special designations as to the quality of milk sold by retailers. When the county is declared a "Specified Area" the aim will be to supply every household with either T.T. or pasteurised milk. All other milk will be prohibited.

(4) The licensing and control of pasteurising and sterilising plants. During the year the Milk Marketing Board have commenced the erection of a new milk depot at Felinfach and a modern pasteurising plant capable of treating 2,000 gallons per hour is to be installed there.

## Food Poisoning.

There were no cases of food poisoning during the year within the county although there has been a considerable increase of such cases in the country as a whole during recent years.

The new Model Byelaws for the Handling and Wrapping of Food have been considered by the various sanitary authorities and were referred to the sanitary inspectors for report. A number of amendments have been suggested and recommended to the Ministry of Food for approval.

## Food and Drugs Act, 1938.

That part of the Act which deals with the adulteration of food and drugs is administered by the Weights and Measures Department whose inspectors act as sampling officers.

279 samples of various foods were taken and submitted to the Public Analyst, and of these, 156 were milk samples.

24 of the samples were adulterated or below certain limits laid down in the Ministry of Food standards.

Of the milk samples 15 were below standard. Two contained added water of 6% and 5% respectively. The others were deficient in fat, ranging from 2% to 56%.

One sample of orange squash was found to be 55% deficient in sugar, and to contain a large excess of saccharin.

16 samples of whisky were taken from public houses and 4 of these were found to contain added water. The amount of water added ranged from 3.8% to 17.4%.

The other sample taken consisted of butter, salad creams, jams, cheese, margarine, sauces, soft drinks, cake and pudding mixtures and meat pastes. All of these were found to comply with the legal standards.

## EXTRACTS FROM VITAL STATISTICS.

The following is a short extract from the Vital Statistics for the year 1950.

| | | Total | M. | F. | | Rate for the County | Rates for England and Wales |
|---|---|---|---|---|---|---|---|
| Live Births | Legitimate | 680 | 325 | 355 | Live Birth Rate per 1000 of the estimated population .. | 13 | 15.8 |
| | Illegitimate | 25 | 10 | 15 | | | |
| | | 705 | 335 | 370 | | | |
| Still-Births | Legitimate | 17 | 11 | 6 | Rates per 1000 population | 0.37 | 0.37 |
| | Illegitimate | 3 | 2 | 1 | | | |
| | | 20 | 13 | 7 | | | |
| Total Births .. | | 725 | 348 | 377 | Total Birth Rate .. | 13.37 | 16.17 |
| Deaths .. .. | | 869 | 409 | 460 | Uncorrected Death Rate* | 16.0 | 11.6 |

* To compare the death rates of Cardiganshire with that of England and Wales comparability factors have been used.

**The corrected death rate for Cardiganshire Rural Districts is 13·0 and for the Urban Districts it is 12.2**

| | No. | | |
|---|---|---|---|
| *Deaths from pregnancy and childbirth* | 1 | | |
| Rate per 1,000 total (live and still) births .. | | 1.4 | |
| Deaths of infants under one year .. | 25 | | |
| *Death Rate of Infants under one year of age (Infantile Mortality)* :— .. | | 32.3 | 29.8 |
| Deaths of infants under 4 weeks .. | 16 | | |
| *Death rate of infants under 4 weeks* .. | | 23.0 | |
| *Deaths from Child Diseases* :— | | | |
| Number of deaths from Measles (all ages) .. | 0 | | |
| Rate per 1,000 population is .. .. | | 0.0 | 0.0 |
| Number of deaths from Whooping Cough (all ages) | 0 | | |
| Rate per 1,000 population is .. .. | | 0.0 | 0.01 |
| Number of deaths from Diarrhoea (under 2 years | 0 | | |
| Rate per 1,000 population is .. .. | | 0.0 | 1.9 |
| Rate per 1,000 live births .. .. .. | | 0.0 | |

## BIRTH RATE, INFANTILE MORTALITY AND STILL BIRTH RATE FOR 1950

| | Population | Total No. of Births | Total No. of Live Births | Live Births per 1,000 population | Number of Still Births | Still Births per 1,000 population | Deaths of Infants under 1 year—number | Death Rate of Infants under 1 year per 1,000 Live Births | Deaths of Infants under 4 weeks |
|---|---|---|---|---|---|---|---|---|---|
| Whole County ... | 53993 | 725 | 705 | 13.2 | 20 | 0.37 | 25 | 35 | 16 |
| Rural Area ... | 35112 | 486 | 476 | 13.5 | 10 | 0.28 | 21 | 44 | 13 |
| Urban Area ... | 18881 | 239 | 229 | 12.1 | 10 | 0.53 | 4 | 17 | 3 |
| RURAL DISTRICTS : | | | | | | | | | |
| Aberaeron ... | 9162 | 137 | 135 | 14.7 | 2 | 0.21 | 6 | 44 | 3 |
| Aberystwyth North & South ... | 10120 | 137 | 134 | 13.3 | 3 | 0.29 | 6 | 45 | 6 |
| Teifiside ... ... | 10430 | 132 | 130 | 12.5 | 2 | 0.19 | 5 | 38 | 3 |
| Tregaron ... | 5400 | 80 | 77 | 14.3 | 3 | 0.55 | 4 | 52 | 1 |
| URBAN DISTRICTS : | | | | | | | | | |
| Aberaeron ... | 1383 | 15 | 15 | 10.8 | 0 | 0.00 | 0 | 0 | 0 |
| New Quay ... | 1065 | 11 | 8 | 7.5 | 3 | 2.80 | 0 | 0 | 0 |
| MUNICIPAL BOROUGHS: | | | | | | | | | |
| Aberystwyth ... | 10900 | 135 | 130 | 11.9 | 5 | 0.46 | 3 | 23 | 2 |
| Cardigan ... | 3533 | 56 | 54 | 15.3 | 2 | 0.56 | 1 | 18 | 1 |
| Lampeter ... | 2000 | 22 | 22 | 11.0 | 0 | 0.00 | 0 | 0 | 0 |

## CAUSES OF DEATH IN AGE GROUPS (NUMBERS).

| | Under 1 year old | 1—5 | 5—15 | 15—25 | 25—45 | 45—65 | 65—75 | Over 75 | Total |
|---|---|---|---|---|---|---|---|---|---|
| Tuberculosis of the lungs | 0 | 0 | 0 | 0 | 5 | 6 | 2 | 3 | 16 |
| Tuberculosis, other forms | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 2 |
| Heart Disease : | | | | | | | | | |
| (*a*) Coronary Disease ... | 0 | 0 | 0 | 0 | 0 | 18 | 28 | 32 | 78 |
| (*b*) With Hypertension | 0 | 0 | 0 | 0 | 0 | 2 | 7 | 21 | 30 |
| (*c*) Other forms ... | 0 | 0 | 0 | 0 | 6 | 16 | 42 | 125 | 189 |
| Cerebral Haemorrhage (Vascular lesions of the Nervous system) ... | 0 | 0 | 0 | 0 | 1 | 15 | 43 | 66 | 125 |
| Cancer ... | 0 | 1 | 0 | 0 | 7 | 34 | 52 | 38 | 132 |
| Nephritis ... | 0 | 0 | 1 | 1 | 3 | 3 | 7 | 9 | 24 |
| Influenza ... | 1 | 0 | 0 | 0 | 0 | 0 | 3 | 6 | 10 |
| Pneumonia ... | 2 | 0 | 0 | 0 | 3 | 5 | 6 | 10 | 26 |
| Bronchitis ... | 0 | 0 | 0 | 0 | 1 | 10 | 8 | 25 | 44 |
| Congenital malformation ... | 5 | 0 | 1 | 1 | 0 | 1 | 0 | 0 | 8 |
| Other defined and ill-defined diseases ... | 17 | 3 | 1 | 4 | 16 | 30 | 43 | 71 | 185 |
| Number of deaths from all causes ... | 25 | 4 | 4 | 6 | 42 | 141 | 241 | 406 | 869 |

# Causes of Death in Certain Diseases, 1950.

| | Whole County | | Rural Area | | Urban Area | | Rural Districts. | | | | | | | | Urban Districts | | | | Municipal Boroughs. | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Aberaeron | | Aberystwyth North & South | | Teifiside | | Tregaron | | Aberaeron | | New Quay | | Aberystwyth | | Cardigan | | Lampeter | |
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Heart Disease ... ... ... | 297 | 5.5 | 197 | 5.61 | 100 | 5.29 | 37 | 4.03 | 78 | 7.70 | 51 | 4.89 | 31 | 5.74 | 10 | 7.23 | 9 | 8.45 | 51 | 4.67 | 16 | 4.53 | 14 | 7.00 |
| Cerebral Haemorrhage ... ... | 125 | 2.32 | 82 | 2.33 | 43 | 2.28 | 23 | 2.51 | 26 | 2.57 | 20 | 1.91 | 13 | 2.41 | 4 | 2.89 | 2 | 1.87 | 23 | 2.11 | 12 | 3.40 | 2 | 1.00 |
| Other diseases of Circulatory System | 28 | 0.52 | 21 | 0.59 | 7 | 0.37 | 8 | 0.87 | 6 | 0.59 | 5 | 0.48 | 2 | 0.37 | 1 | 0.72 | 0 | 0.00 | 6 | 0.55 | 0 | 0.00 | 0 | 0.00 |
| Cancer ... ... ... ... | 132 | 2.44 | 97 | 2.76 | 35 | 1.85 | 28 | 3.05 | 21 | 2.08 | 35 | 3.36 | 13 | 2.41 | 2 | 1.44 | 3 | 2.82 | 19 | 1.74 | 9 | 2.55 | 2 | 1.00 |
| Nephritis ... ... ... ... | 24 | 0.45 | 16 | 0.46 | 8 | 0.42 | 6 | 0.65 | 5 | 0.49 | 4 | 0.38 | 1 | 0.19 | 0 | 0.00 | 1 | 0.94 | 5 | 0.46 | 0 | 0.00 | 2 | 1.00 |
| Tuberculosis of Lungs ... ... | 16 | 0.29 | 10 | 0.28 | 6 | 0.32 | 3 | 0.33 | 3 | 0.39 | 2 | 0.19 | 2 | 0.37 | 0 | 0.00 | 1 | 0.94 | 4 | 0.37 | 1 | 0.28 | 0 | 0.00 |
| Tuberculosis other than Lungs ... | 2 | 0.04 | 2 | 0.06 | 0 | 0.00 | 2 | 0.22 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Pneumonia ... ... ... | 26 | 0.48 | 18 | 0.51 | 8 | 0.42 | 6 | 0.65 | 9 | 0.89 | 3 | 0.29 | 0 | 0.00 | 2 | 1.44 | 0 | 0.00 | 4 | 0.37 | 2 | 0.57 | 0 | 0.00 |
| Bronchitis ... ... ... ... | 44 | 0.83 | 38 | 1.08 | 6 | 0.32 | 5 | 0.55 | 12 | 1.19 | 6 | 0.58 | 15 | 2.78 | 1 | 0.72 | 0 | 0.00 | 4 | 0.37 | 1 | 0.28 | 0 | 0.00 |
| Ulcerated Stomach and Duodenum. | 6 | 0.11 | 5 | 0.14 | 1 | 0.05 | 1 | 0.11 | 1 | 0.09 | 3 | 0.29 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 |
| Diabetes ... ... ... ... | 3 | 0.05 | 2 | 0.06 | 1 | 0.05 | 1 | 0.11 | 0 | 0.00 | 0 | 0.00 | 1 | 0.19 | 0 | 0.00 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 |
| Pregnancy, Childbirth and Abortion | 1 | 0.02 | 0 | 0.00 | 1 | 0.05 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.50 |
| Congenital Malformations ... | 8 | 0.15 | 4 | 0.11 | 4 | 0.21 | 2 | 0.22 | 1 | 0.09 | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 2 | 0.18 | 2 | 0.57 | 0 | 0.00 |
| Suicide ... ... ... ... | 4 | 0.07 | 4 | 0.11 | 0 | 0.00 | 3 | 0.33 | 0 | 0.00 | 1 | 0.09 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 |
| Motor Vehicle Accidents ... ... | 6 | 0.11 | 4 | 0.11 | 2 | 0.10 | 0 | 0.00 | 2 | 0.19 | 1 | 0.09 | 1 | 0.19 | 0 | 0.00 | 0 | 0.00 | 0 | 0.00 | 1 | 0.28 | 1 | 0.50 |

There were *no deaths in the County during* 1950 from the following diseases :—
Typhoid, Diphtheria, Acute Anterio-Poliomyelitis (Infantile Paralysis), Acute infective encephalitis, Cerebro Spinal Fever, Scarlet Fever, Measles, Whooping Cough.

## HEART DISEASE—MORTALITY ANALYSED

| | RURAL DISTRICTS | | | | | | | | URBAN DISTRICTS | | | | MUNICIPAL BOROUGHS | | | | | | WHOLE COUNTY | | RURAL DISTRICTS | | URBAN DISTRICTS | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | ABERAERON | | ABERYSTWYTH North & South | | TEIFISIDE | | TREGARON | | ABERAERON | | NEW QUAY | | ABERYSTWYTH | | CARDIGAN | | LAMPETER | | | | | | | |
| | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate | No. | Rate |
| Coronary Disease Angina | 6 | 0.65 | 19 | 1.88 | 12 | 1.15 | 6 | 1.11 | 4 | 2.89 | 2 | 1.88 | 22 | 2.02 | 2 | 0.57 | 5 | 2.50 | 78 | 1.44 | 43 | 1.32 | 35 | 1.85 |
| Hypertension with Heart Disease ... | 1 | 0.11 | 17 | 1.68 | 3 | 0.29 | 0 | 0.00 | 1 | 0.72 | 0 | 0.00 | 7 | 0.64 | 1 | 0.28 | 0 | 0.00 | 30 | 0.56 | 21 | 0.59 | 9 | 0.48 |
| Other Heart Disease ... | 30 | 3.27 | 42 | 4.15 | 36 | 3.45 | 25 | 4.62 | 5 | 3.62 | 7 | 6.51 | 22 | 2.02 | 13 | 3.68 | 9 | 4.50 | 189 | 3.50 | 133 | 3.79 | 56 | 2.97 |

## TABLE OF INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS) NOTIFIED BY THE DISTRICT MEDICAL OFFICERS DURING THE YEAR.

| Sanitary District | Population Census, 1931 | Estimated population 1950 | Scarlet Fever | Diphtheria | Paratyphoid fever | Pneumonia | Encephalitis lethargica | Whooping Cough | Erysipelas | Chicken Pox | Cerebro Spinal fever | Cerebro spinal meningitis | Measles | Puerperal pyrexia | Dysentery | Typhoid | Acute polio-myelitis | Acute polio-encephalitis |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| URBAN : | | | | | | | | | | | | | | | | | | |
| Aberystwyth ... | 9473 | 10900 | 5 | 0 | 0 | 0 | 0 | 29 | 0 | 0 | 0 | 0 | 7 | 0 | 4 | 0 | 0 | 0 |
| Cardigan ... | 3310 | 3533 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| Lampeter ... | 1742 | 2000 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Aberaeron ... | 1155 | 1383 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| New Quay ... | 1112 | 1065 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| RURAL : | | | | | | | | | | | | | | | | | | |
| Aberaeron ... | 6935 | 9162 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 0 |
| Aberystwyth (N) | 6871 | 10120 | 0 | 0 | 0 | 2 | 0 | 9 | 1 | 1 | 0 | 0 | 54 | 0 | 0 | 0 | 1 | 0 |
| Aberystwyth (S) | 4623 | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Teifiside ... | 13749 | 10430 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 9 | 0 | 0 | 0 | 0 | 0 |
| Tregaron ... | 6214 | 5400 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 |
| Total ... | 55184 | 53993 | 12 | 0 | 1 | 4 | 0 | 38 | 1 | 1 | 0 | 0 | 80 | 0 | 4 | 0 | 3 | 0 |

## TABLE SHOWING THE NUMBER OF VISITS AND WORK DONE BY THE DISTRICT NURSE/MIDWIVES DURING THE YEAR.

| District | No. of New Cases | | | Total No. of Visits | Nights on duty | First Visits to expectant mothers | Total Visits to expectant mothers |
|---|---|---|---|---|---|---|---|
| | Medical | Surgical | Maternity | | | | |
| Aberystwyth (3 nurses) | 207 | 138 | 17 | 11501 | 67 | 12 | 148 |
| Aberaeron ... ... | 16 | 15 | 6 | 1108 | 4 | 0 | 6 |
| Aberporth ... | 78 | 34 | 12 | 2108 | 9 | 17 | 82 |
| Borth ... ... | 44 | 79 | 2 | 1817 | 11 | 3 | 16 |
| Cardigan (2 nurses) ... | 75 | 54 | 18 | 3620 | 18 | 18 | 105 |
| Cross Inn & Cilcennin ... | 35 | 40 | 10 | 1237 | 13 | 14 | 44 |
| Devil's Bridge ... | 27 | 38 | 2 | 1797 | 4 | 5 | 41 |
| Glandyfi ... ... | 38 | 21 | 1 | 2839 | 13 | 5 | 23 |
| Henllan ... ... | 85 | 53 | 6 | 2608 | 23 | 5 | 81 |
| Lampeter (2 nurses) ... | 55 | 65 | 33 | 4349 | 33 | 60 | 305 |
| Llanafan ... ... | 91 | 80 | 2 | 1736 | 5 | 18 | 98 |
| Llanarth ... ... | 64 | 58 | 16 | 1793 | 28 | 23 | 197 |
| Llandyssilio ... | 23 | 31 | 14 | 1707 | 11 | 7 | 74 |
| Llandyssul ... ... | 33 | 24 | 9 | 1745 | 21 | 23 | 136 |
| Llangeitho ... ... | 34 | 41 | 18 | 1740 | 22 | 29 | 135 |
| Llangranog ... ... | 34 | 36 | 6 | 1350 | 5 | 7 | 105 |
| Llanilar ... ... | 73 | 86 | 5 | 1560 | 10 | 12 | 81 |
| Llanrhystyd ... ... | 24 | 21 | 7 | 1430 | 9 | 11 | 87 |
| Llanwenog ... ... | 28 | 20 | 8 | 1387 | 17 | 15 | 203 |
| Llanychaiarn ... | 115 | 87 | 6 | 3931 | 10 | 9 | 57 |
| Llechryd ... ... | 112 | 103 | 9 | 2172 | 11 | 12 | 72 |
| Melindwr ... ... | 82 | 78 | 8 | 2399 | 6 | 8 | 35 |
| Mid-Aeron ... | 55 | 29 | 7 | 1640 | 13 | 10 | 51 |
| New Quay ... ... | 16 | 25 | 7 | 2171 | 10 | 11 | 55 |
| Ponrhydfendigaid ... | 67 | 14 | 9 | 2564 | 27 | 9 | 47 |
| Rhydlewis ... ... | 55 | 33 | 15 | 1653 | 12 | 21 | 90 |
| Rhydypennau ... | 135 | 58 | 7 | 3139 | 7 | 5 | 17 |
| Talybont ... ... | 103 | 81 | 4 | 1564 | 11 | 1 | 24 |
| Tregaron ... ... | 16 | 40 | 14 | 2455 | 12 | 28 | 112 |
| Total ... ... | 1820 | 1482 | 278 | 71120 | 442 | 398 | 2527 |

## TABLE SHOWING THE NUMBER OF VISITS AND WORK DONE BY HEALTH VISITORS DURING THE YEAR

| HEALTH VISITOR'S AREA | INFANT VISITS | | | | NUMBER IMMUNISED AT CLINIC | | ATTENDANCES AT | | | | VISITS PAID TO | | | | SCHOOL WORK | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Under one year | | One to five years | | | | | | | | | | | | | | | | | |
| | First Visits | Re-Visits | First Visits | Re-Visits | First Inoculation | Second Inoculation | M. and C.W. Clinic | Eye Clinic | Orthopaedic Clinic | Ante-natal Clinic | Tuberculous Patients | Blind | Cripples | Mental Defectives | No. of schools visited with S.M.O. | No. of schools visited alone | No. of Children examined | No. of Children found unclean. | No. of Children found suffering from minor defects | No. of Homes visited. |
| Aberystwyth Urban | 96 | 346 | 0 | 857 | 0 | 0 | 112 | 31 | 10 | 20 | 6 | 70 | 0 | 2 | 2 | 44 | 5509 | 81 | 113 | 128 |
| Aberystwyth Rural Part ... | 30 | 464 | 0 | 659 | 2 | 3 | 112 | 0 | 0 | 19 | 350 | 0 | 0 | 0 | 6 | 22 | 1683 | 102 | 45 | 52 |
| Aberystwyth Rural South ... | 46 | 310 | 1 | 644 | 0 | 0 | 0 | 0 | 0 | 0 | 53 | 29 | 4 | 15 | 14 | 90 | 2380 | 113 | 39 | 77 |
| Aberystwyth Rural North ... | 36 | 619 | 1 | 952 | 0 | 0 | 55 | 0 | 0 | 0 | 36 | 0 | 0 | 2 | 10 | 109 | 2970 | 123 | 1 | 67 |
| Aberaeron ... | 45 | 203 | 11 | 514 | 1 | 0 | 11 | 0 | 0 | 0 | 24 | 36 | 0 | 2 | 1 | 56 | 2371 | 279 | 14 | 61 |
| Cardigan ... | 68 | 977 | 26 | 1001 | 6 | 6 | 26 | 0 | 0 | 4 | 71 | 52 | 10 | 19 | 5 | 75 | 4608 | 146 | 98 | 179 |
| Lampeter ... | 102 | 1212 | 7 | 1281 | 0 | 0 | 31 | 0 | 0 | 0 | 13 | 29 | 0 | 0 | 11 | 77 | 2297 | 44 | 31 | 100 |
| Llandyssul ... | 56 | 365 | 0 | 598 | 0 | 0 | 32 | 0 | 0 | 0 | 58 | 21 | 11 | 11 | 7 | 51 | 2682 | 248 | 47 | 124 |
| Llangranog ... | 52 | 596 | 0 | 1864 | 8 | 0 | 48 | 0 | 0 | 0 | 30 | 49 | 2 | 6 | 10 | 78 | 3238 | 81 | 24 | 52 |
| Tregaron ... | 50 | 802 | 2 | 1075 | 8 | 4 | 20 | 0 | 0 | 0 | 25 | 25 | 0 | 2 | 13 | 97 | 3736 | 119 | 19 | 88 |
| Total ... | 581 | 5894 | 48 | 9445 | 25 | 13 | 447 | 31 | 10 | 43 | 666 | 311 | 27 | 59 | 79 | 699 | 31474 | 1336 | 431 | 928 |

## TABLE SHOWING THE NUMBER OF ATTENDANCES AT THE INFANT WELFARE CENTRES DURING THE YEAR

| Clinic | Number of Sessions held | | Ante-natal attend-ances | Infant attend-ances | Average infant attend-ances |
|---|---|---|---|---|---|
| | Infant | Ante-natal | | | |
| Aberaeron | 22 | — | — | 245 | 11.13 |
| Aberporth ... | 24 | — | 3 | 422 | 17.58 |
| Aberystwyth ... | 100 | 23 | 82 | 3193 | 31.93 |
| Borth ... ... | 21 | — | — | 277 | 13.19 |
| Cardigan ... | 27 | — | 40 | 783 | 29.00 |
| Henllan ... ... | 25 | — | 16 | 365 | 14.60 |
| Lampeter ... | 25 | — | — | 478 | 19.12 |
| Llandyssul ... | 26 | — | — | 483 | 18.57 |
| Llangranog ... | 12 | — | — | 95 | 7.91 |
| Llechryd ... | 12 | — | 1 | 93 | 7.75 |
| New Quay ... | 27 | — | — | 207 | 7.66 |
| Penparcau ... | 25 | — | — | 382 | 15.20 |
| Taliesin ... ... | 22 | — | — | 170 | 7.72 |
| Tregaron ... | 15 | — | — | 206 | 13.73 |
| Total ... | 383 | 23 | 142 | 7399 | 19.31 |

## CHILD LIFE PROTECTION.

1. Notification :

(*a*) Number of persons on Register receiving children under nine years of age for reward at the end of the year.. .. 0

(*b*) Number of Children on the Register :

(i) at the end of the year .. .. .. .. 1

(ii) who died during the year .. .. .. .. Nil

(iii) on whom inquests were held during the year .. Nil

2. Visitors :

(*a*) Number of Health Visitors holding appointments as Infant Protection Visitors .. .. .. .. .. 1

(*b*) Number of Female Visitors holding appointments as Infant Protection Visitors .. .. .. .. .. 1

(*c*) Number of other persons authorised to visit as Infant Protection Visitors .. .. .. .. .. 1

The children were visited during the year and conditions found satisfactory. No proceedings were, therefore, taken.

## ADOPTION OF CHILDREN (REGULATION) ACT, 1939.

Number of persons who gave notice under Section 7 (3) during the year ... 20

Total number of Children in respect of whom notice was given under Section 7 (3) during the year ... ... ... ... ... 20

Number of Children notified under Section 7 (3)

(a) under supervision at the end of the year ... ... ... 20

(b) who died during the year ... ... ... ... Nil

(c) on whom inquests were held during the year ... ... Nil

## STILL BIRTHS.

Twenty still births occurred during the year. Ten of these were in the County Maternity Home, and one at Cardigan Memorial Hospital.

## REGISTRATION OF NURSING HOMES.

| | |
|---|---|
| Number of new applications for registration .. .. .. .. | Nil |
| Number of Homes already registered .. .. .. .. | Nil |
| Number of Orders made refusing or cancelling registration .. .. | Nil |
| Number of Appeals against such Orders .. .. .. .. | Nil |
| Number of Applications for exemption from registration .. .. | Nil |

## VENEREAL DISEASES.

**The following Table relates to persons treated at the ABERYSTWYTH TREATMENT CENTRE during the year ended 31st December, 1950.**

| | Syphilis | | Gonorrhoea | | Conditions other than Venereal | | Totals | | |
|---|---|---|---|---|---|---|---|---|---|
| | M | F | M | F | M | F | M | F | Totals |
| Number of cases on 1st. Jan., 1950, under treatment or observation ... | 14 | 7 | 3 | 3 | 2 | — | 19 | 10 | 29 |
| Number of cases removed from register during any year which returned during the year for treatment ... ... | — | — | — | — | — | — | — | — | — |
| Number of cases dealt with for the first time during the year under report suffering from : | | | | | | | | | |
| Syphilis, primary ... ... ... | — | 1 | — | — | — | — | — | 1 | 1 |
| ,, secondary ... ... ... | — | 1 | — | — | — | — | — | 1 | 1 |
| ,, latent in 1st year of infection ... ... ... | — | — | — | — | — | — | — | — | — |
| ,, of the nervous system ... | — | 2 | — | — | — | — | — | 2 | 2 |
| ,, congenital (over one year) | — | 1 | — | — | — | — | — | 1 | 1 |
| Gonorrhoea ... ... ... ... | — | — | — | 2 | — | — | — | 2 | 2 |
| Conditions other than Venereal ... | — | — | — | — | — | — | — | — | — |
| Number of cases dealt with for the first time during the year under report, known to have received treatment at other Centres for the same infection ... ... ... ... | — | — | — | — | — | — | — | — | — |
| | 14 | 12 | 3 | 5 | 2 | — | 19 | 17 | 36 |
| Number of cases discharged after completion of treatment and final tests of cure ... ... ... ... | 9 | 7 | 3 | — | 2 | — | 14 | 7 | 21 |
| Number of cases which ceased to attend before completion of treatment ... | — | — | — | — | — | — | — | — | — |
| Number of cases which ceased to attend after completion of treatment but before final tests of cure ... ... | — | — | — | — | — | — | — | — | — |
| Number of cases transferred ... ... | — | — | — | — | — | — | — | — | — |
| Number of cases remaining under treatment or observation on 31st December, 1950 ... ... ... | 5 | 5 | — | 5 | — | — | 5 | 10 | 15 |
| TOTALS ... ... | 14 | 12 | 3 | 5 | 2 | — | 19 | 17 | 36 |

## DIPHTHERIA IMMUNISATION.

**Number of Children immunised as at 31st December of the following years.**

| Age | 1945 | 1946 | 1947 | 1948 | 1949 | 1950 |
|---|---|---|---|---|---|---|
| Under 1 year ... | 113 | 306 | 249 | 212 | 23 | 30 |
| 1 year ... ... | 358 | 496 | 539 | 470 | 476 | 214 |
| 2 years ... ... | 496 | 651 | 694 | 589 | 554 | 485 |
| 3 years ... ... | 480 | 637 | 681 | 711 | 609 | 539 |
| 4 years ... ... | 302 | 715 | 756 | 701 | 729 | 687 |
| 5—9 years ... ... | 2675 | 2525 | 2459 | 2840 | 2566 | 2339 |
| 10—14 years ... | 2327 | 3504 | 3490 | 3494 | 3646 | 3005 |
| Total ... ... | 6751 | 8834 | 8868 | 9017 | 8603 | 7299 |

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## PATHOLOGICAL INVESTIGATIONS.

Wassermann tests are carried out at the Beck Laboratory, Swansea. All other chemical and bacteriological work during 1950 was done in the Public Health Laboratory, Aberystwyth.

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## ORTHOPAEDIC TREATMENT.

Children of pre-school age are dealt with by the Maternity and Child Welfare Service of the County Council and those of school age by the Education Committee. Cases are examined by the Visiting Surgeon, and those requiring hospital treatment are sent to the Prince of Wales' Hospital, Cardiff. One hundred and sixty five individual cases were seen by the Visiting Surgeon during the year. Six received hospital treatment.

CARDIGANSHIRE EDUCATION COMMITTEE

# The School Medical Service

## MEDICAL INSPECTION RETURNS.

### A.—Routine Medical Inspections.

NUMBER OF CODE GROUP INSPECTIONS :

| | |
|---|---|
| Entrants .. .. .. .. .. .. | 1781 |
| Intermediates .. .. .. .. .. .. | 675 |
| Leavers .. .. .. .. .. .. | 330 |
| Total .. .. | 2786 |
| Number of Other Routine Inspections .. .. .. .. | — |

### B.—Other Inspections.

| | |
|---|---|
| Number of Special Inspections .. .. .. .. | 18 |
| Number of Re-Inspections .. .. .. .. | — |
| | 18 |

### C.—PUPILS FOUND TO REQUIRE TREATMENT.

| Group | For defective vision (excluding squint) | For any of the other conditions in Table IIA | Total individual pupils |
|---|---|---|---|
| Entrants ... ... ... | 122 | 106 | 228 |
| Second Age Group ... ... | 59 | 28 | 87 |
| Third Age Group ... ... | 39 | 15 | 54 |
| Total (prescribed groups) ... | 220 | 149 | 369 |
| Other Periodic Inspections ... | — | — | — |
| Grand Total ... ... | 220 | 149 | 369 |

Table II.

A.—RETURN OF DEFECTS FOUND BY MEDICAL INSPECTION IN THE YEAR ENDED 31st DECEMBER, 1950.

| Defect or Disease. | Periodic Inspections. No. of Defects. Requiring Treatment | Periodic Inspections. No. of Defects. Requiring to be kept under observation, but *not* requiring Treatment. | Special Inspections. No. of Defects. Requiring Treatment | Special Inspections. No. of Defects. Requiring to be kept under observation, but *not* requiring Treatment. |
|---|---|---|---|---|
| Skin : | 2 | — | — | — |
| Eyes : | | | | |
| *a.* Vision... ... | 220 | — | — | — |
| *b.* Squint ... | 5 | — | — | — |
| *c.* Other ... ... | 2 | — | — | — |
| Ears : | | | | |
| *a.* Hearing ... | — | 4 | — | — |
| *b.* Otitis Media ... | 3 | — | — | — |
| *c.* Other ... ... | — | — | — | — |
| Nose or Throat ... | 89 | — | 3 | — |
| Speech ... ... | — | 3 | — | — |
| Cervical Glands ... | — | — | — | — |
| Heart and Circulation | — | 12 | — | — |
| Lungs ..... ... ... | — | 4 | — | — |
| Developmental : *a.* Hernia ... | — | — | — | — |
| *b.* Other ... ... | 2 | — | — | 1 |

RETURN OF DEFECTS (*continued*)

| Defect or Disease. | Periodic Inspections. | | Special Inspections. | |
|---|---|---|---|---|
| | No. of Defects. | | No. of Defects. | |
| | Requiring Treatment | Requiring to be kept under observation, but *not* requiring Treatment. | Requiring Treatment | Requiring to be kept under observation, but *not* requiring Treatment. |
| Orthopaedic— | | | | |
| *a.* Posture ... | 2 | — | — | — |
| *b.* Flat foot ... | 19 | — | — | — |
| *c.* Other ... ... | — | — | — | — |
| Nervous system : | | | | |
| *a.* Epilepsy ... | — | 1 | — | — |
| *b.* Other ... ... | — | 1 | — | — |
| Psychological : | | | | |
| *a.* Development ... | — | — | — | — |
| *b.* Stability ... | — | — | — | — |
| Other... ... ... | — | — | — | 1 |

## B.—CLASSIFICATION OF THE GENERAL CONDITION OF PUPILS INSPECTED DURING THE YEAR IN THE AGE GROUPS.

| Age Group | Number of Pupils Inspected | A (Good) | | B (Fair) | | C (Poor) | |
|---|---|---|---|---|---|---|---|
| | | No. | % | No. | % | No. | % |
| Entrants | 1781 | 1183 | 66.42 | 576 | 32.34 | 22 | 1.24 |
| Second Age Group | 675 | 483 | 71.56 | 191 | 28.29 | 1 | 0.15 |
| Third Age Group | 330 | 268 | 81.21 | 62 | 18.79 | — | 0.00 |
| Other periodic inspections | — | — | — | — | — | — | — |
| TOTAL | 2786 | 1934 | 69.41 | 829 | 29.75 | 23 | 0.83 |

## Table III.

## INFESTATION WITH VERMIN.

| | |
|---|---|
| (i) Total number of examinations of children in the Schools by School Nurses .. .. .. .. .. .. .. | 42,050 |
| (ii) Number of *individual* children found unclean .. .. .. | 1,336 |
| (iii) Number of *individual* children cleansed under arrangements made by the Local Education Authority .. .. .. .. | — |
| (iv) Number of *individual* pupils in respect of whom cleansing orders were issued (Section 54 (3), Education Act, 1944) | — |

## Table IV.

## TREATMENT TABLES.

---

**Group I.—Minor Ailments (excluding Uncleanliness).**

438 cases were treated during the year under the Authority's Scheme.

**Group II.—Defective Vision and Squint (excluding Minor Eye Defects treated as Minor Ailments—Group I).**

| Defect or Disease | No. of defects dealt with | | |
|---|---|---|---|
| | Under the Authority's Scheme | Otherwise | Total |
| Errors of Refraction (including Squint) .. .. .. | 413 | — | 413 |
| Other Defect or Disease of the Eyes (excluding those recorded in Group I) .. .. .. | 7 | — | 7 |
| Total .. .. | 420 | — | 420 |

Total number of children for whom spectacles were prescribed :—

| | |
|---|---|
| (*a*) Under the Authority's Scheme .. .. .. .. | 204 |
| (*b*) Otherwise .. .. .. .. .. .. | — |

Total number of children who obtained or received spectacles:—

| | |
|---|---|
| (*a*) Under the Authority's Scheme .. .. .. .. | 204 |
| (*b*) Otherwise .. .. .. .. .. .. | — |
| Total .. | 204 |

**Group III.—Treatment of Defects of Nose and Throat.**

| Number of Defects. | | | | |
|---|---|---|---|---|
| Received Operative Treatment. | | | | |
| Under the Authority's Scheme in Clinic or Hospital | By Private Practitioner or Hospital, apart from the Authority's Scheme | Total | Received other forms of Treatment | Total number treated |
| — | 102 | 102 | — | 102 |

**Group IV.—Orthopaedic and Postural Defects.**

Number of children treated :—

| | |
|---|---|
| In Hospital or Hospital School .. .. .. .. | 5 |
| Otherwise, e.g., in clinics or out-patient departments .. .. | 201 |
| Total .. | 206 |

## DENTAL DEFECTS.

(1) Number of children who were inspected by the Dentist :—

| | |
|---|---|
| Routine Age Groups .. .. .. .. .. | 8400 |
| Specials .. .. .. .. .. .. .. | 92 |
| Total | 8492 |

| | |
|---|---|
| (2) Number found to require treatment .. .. .. .. | 5600 |
| (3) Number actually treated .. .. .. .. .. | 2633 |
| (4) Attendances made by children for treatment .. .. .. | 4487 |

(5) Half-days devoted to :—

| | | | |
|---|---|---|---|
| Inspection .. .. | 95 | | |
| Treatment .. .. | 762 | Total .. .. | 857 |

(6) Fillings :—

| | | | |
|---|---|---|---|
| Permanent Teeth .. .. | 1742 | | |
| Temporary Teeth .. .. | 84 | Total .. .. | 1826 |

(7) Extractions :—

| | | | |
|---|---|---|---|
| Permanent Teeth .. .. | 699 | | |
| Temporary Teeth .. .. | 2642 | Total .. .. | 3341 |

| | |
|---|---|
| (8) Administration of General Anaesthetics .. .. .. .. | 1140 |

(9) Other Operations :—

| | | | |
|---|---|---|---|
| Permanent Teeth .. .. | } | Total .. .. | 423 |
| Temporary Teeth .. .. | | | |

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